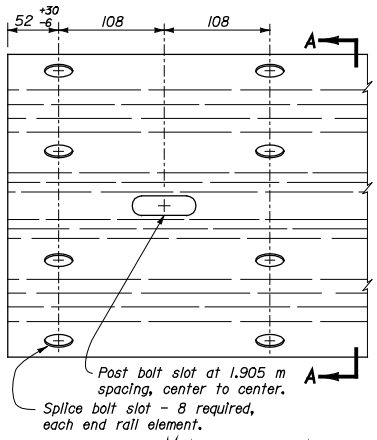
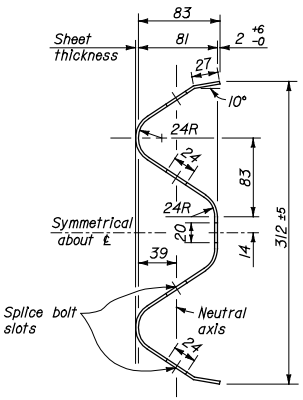
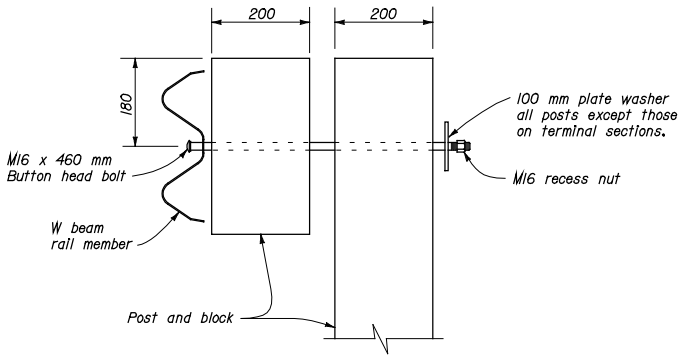
REG	STATE	PROJECT	SHEET NO.	TOTAL SHEETS



RAIL ELEMENT ELEVATION



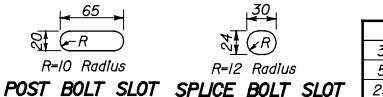
SECTION A-A



POST BOLT ASSEMBLY

NOTE:

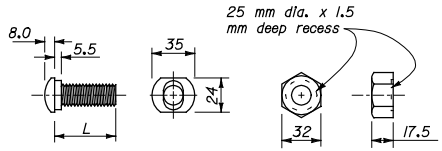
1. Dimensions not labeled are in millimeters.
2. Dimensional tolerances not shown or implied are intended to be those consistent with the proper functioning of the part, including its appearance, and accepted manufacturing practices.
3. Furnish hardware in the metric sizes shown. Equivalent Imperial sizes may be used when metric sizes are not available.



POST BOLT SLOT SPLICE BOLT SLOT

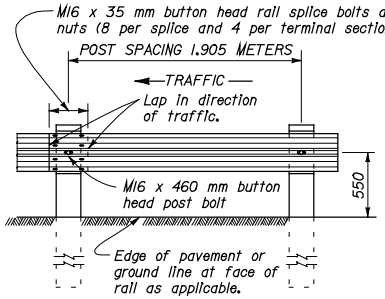
W BEAM RAIL MEMBERS

L	Threaded Length
35	Full length
50	30 minimum
255	45 minimum
460	100 minimum
640	100 minimum

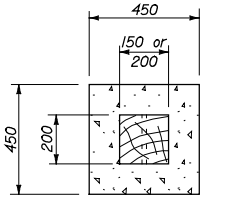


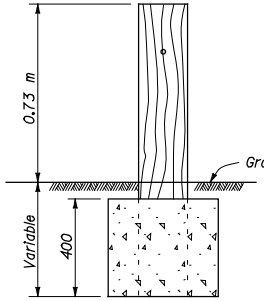
M16 BUTTON HEAD BOLT M16 RECESS NUT

BUTTON HEAD BOLT AND RECESS NUT



POST SPACING
STANDARD POST SECTION





Use 500 mm diameter round anchor or 450 mm square anchor. Reduced size acceptable in solid rock.

Wrap post with 13 mm styrofoam where it contacts the concrete anchor.

CONCRETE ANCHOR FOR
SHORT GUARDRAIL POST

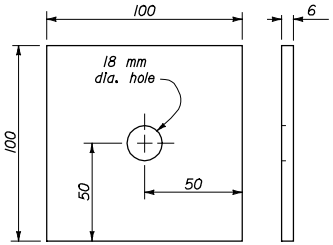
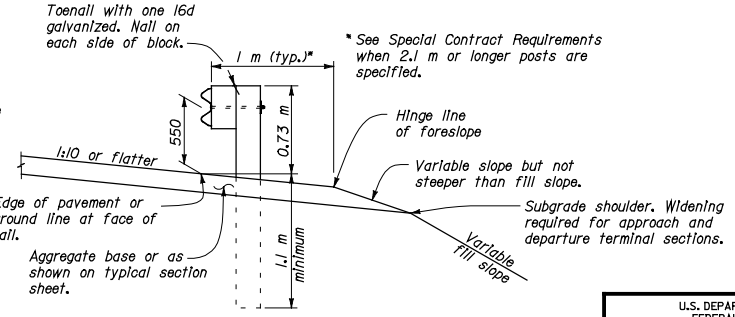
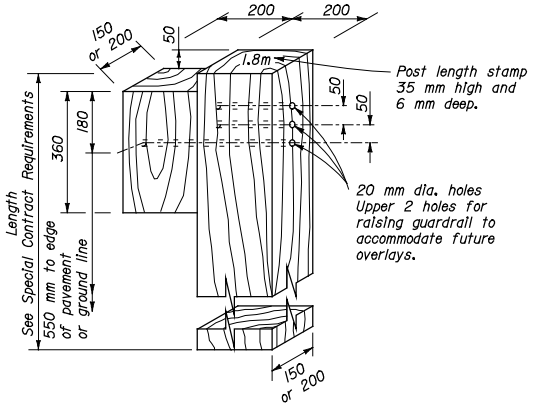


PLATE WASHER



TYPICAL GUARDRAIL CROSS SECTION



ALTERNATE HOLE ARRANGEMENT
POST AND BLOCK DETAIL

NO SCALE

U.S. DEPARTMENT OF TRANSPORTATION
FEDERAL HIGHWAY ADMINISTRATION
FEDERAL LANDS HIGHWAY OFFICE

METRIC STANDARD

G4 W BEAM GUARDRAIL WOOD POSTS

STANDARD APPROVED FOR USE 03/96
REVISED: 8/97

STANDARD M617-10

MST617I0.DGN
$$$$$DGNSPEC$$$$$
$$$$$SYTIME$$$$$